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"integrated network switch" "priority switching" "user-selected

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1 On achieving throughput in an input-queued switch   ☐
Saad Mneimneh, Kai-Yeung Siu
October 2003 **IEEE/ACM Transactions on Networking (TON)**, Volume 11 Issue 5

Full text available: 📄 pdf(639.91 KB)   Additional Information: full citation, abstract, references, index terms

We establish some lower bounds on the speedup required to achieve throughput for some classes of switching algorithms in a input-queued switch with virtual output queues (VOQs). We use a weak notion of throughput, which will only strengthen the results, since an algorithm that cannot achieve weak throughput cannot achieve stronger notions of throughput. We focus on priority switching algorithms, i.e., algorithms that assign priorities to VOQs and forward packets of high priority first. We show a ...

Keywords: lower bounds, priority switching algorithms, speedup, throughput

2 Packet network simulation: speedup and accuracy versus timing granularity   ☐
Jong Suk Ahn, Peter B. Danzig
October 1996 **IEEE/ACM Transactions on Networking (TON)**, Volume 4 Issue 5

Full text available: 📄 pdf(1.54 MB)   Additional Information: full citation, references, citings, index terms

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Search Results -

Term	Documents
INTEGRATED	740889
INTEGRATEDS	1
SWITCH	747996
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(31 AND (INTEGRATED NEAR SWITCH)).PGPB,USPT.	0
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Search: L38

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Search History

DATE: Saturday, July 09, 2005   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
	DB=PGPB,USPT; PLUR=YES; OP=ADJ		
L38	L31 and integrated near switch	0	L38
L37	L31 and integrated adj switch	0	L37
L36	L35 and routing near data near frames	0	L36
L35	L32 and priority and switching	1	L35
L34	L32 and prioritizing near switching	0	L34
L33	L32 and priority adj switching	0	L33
L32	L31 and integrated adj network adj switch	2	L32

L31	user-selected adj attributes	37	L31
L30	user-select near attributes	0	L30
L29	prioritize adj switching near PDU	0	L29
L28	prioritize adj switching near data adj frame	0	L28
L27	L26 and integrated near switch	1	L27
L26	Bahadir and Erimli.in.	40	L26
L25	L24 and priority adj switching	0	L25
L24	integrated adj network switch	38	L24
L23	integrated adj network adj switch and (prioritizing adj switching) and user adj selected	0	L23
L22	integrated adj network adj switch and (prioritizing adj switching) and (user-selected)	0	L22

DB=USPT; PLUR=YES; OP=ADJ

L21	L1 and switching near priority	0	L21
L20	l1 and switch near priority	0	L20
L19	L17 and priority adj switching	0	L19
L18	L17 and prioritizing adj switching	0	L18
L17	user near selected and integrated near switch	52	L17
L16	L1 and priority adj switching	0	L16
L15	L1 and priority near switch	0	L15
L14	L1 and prioritizing near switching	0	L14
L13	L1 and subscriber near selected	0	L13
L12	L1 and subscriber near selects	0	L12
L11	L1 and user near select	0	L11
L10	L1 and user near selected	2	L10
L9	L3 and priority and switching	1	L9
L8	prioritizing near switching near data adj frame	0	L8
L7	L6 and user-selected	0	L7
L6	prioritizing adj switching	3	L6
L5	L3 and priority adj switching	0	L5
L4	L3 and prioritizing	0	L4
L3	L2 and data adj frame	2	L3
L2	L1 and user-selected	2	L2
L1	integrated adj network adj switch	34	L1

END OF SEARCH HISTORY